



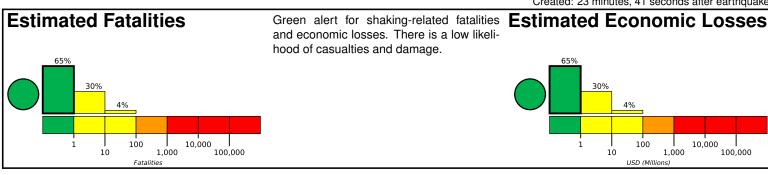


**PAGER** 

Version 1

# **M 5.6, 9 km NW of Emiliano Zapata, Mexico** Origin Time: 2023-09-08 15:53:22 UTC (Fri 10:53:22 local) Location: 19.4487° N 105.0212° W Depth: 35.0 km

Created: 23 minutes, 41 seconds after earthquake



**Estimated Population Exposed to Earthquake Shaking** 

ESTIMATED POPULATION EXPOSURE (k=x1000)		_*	7,925k*	490k	15k	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	11-111	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
DAMAGE	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

<sup>\*</sup>Estimated exposure only includes population within the map area.

### Population Exposure

population per 1 sq. km from Landscan

# 105.9°W 104.8°W 103.6°W Ixtlan del Rio uerto Vallarta El Salto Avutla Tomatlan Autlan de Navarro 19.8°N Cas miro Castillo 18.6°N

# PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.

#### **Structures**

Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction. The predominant vulnerable building types are mud wall and adobe block with concrete bond beam construction.

### **Historical Earthquakes**

Date	Dist.	Mag.	Max	Shaking
(UTC)	(km)		MMI(#)	Deaths
2003-01-22	117	7.5	VII(300k)	29
1997-01-11	272	7.1	VIII(13k)	1
1985-09-19	300	8.0	VII(309k)	10k

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

## Salacted City Evacure

from GeoNames.org					
	MMI	City	Population		
	IV	Las Juntas	6k		
	IV	Emiliano Zapata (El Ranchito)	2k		
	IV	San Patricio	7k		
	IV	La Huerta	8k		
	IV	Jaluco	3k		
	IV	Purificacion	5k		
	Ш	Colima	127k		
	Ш	Guadalajara	1,641k		
	Ш	Zapopan	988k		
	Ш	Tlaquepaque	494k		
	Ш	Tonala	402k		

bold cities appear on map.

(k = x1000)

Event ID: us7000kub5